

AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)
2. (Currently Amended) The computer test system of claim-~~1~~ 48, wherein the ~~autelab component~~second computer program module comprises a management component that is configured to separate one of the test jobs into subtasks, and to order the subtasks into a reordered job.
3. (Original) The computer test system of claim 2, wherein the management component is configured to separate a plurality of the test jobs into subtasks, and to order the subtasks of the plurality of test jobs into a reordered job.
4. (Original) The computer test system of claim 3, wherein the management component is configured to add a subtask corresponding to a computing environment.
5. (Currently Amended) The computer test system of claim-~~1~~ 48, wherein the ~~further comprising a test component~~ is configured to create a personalized test package for the ~~selected machine~~assigned test client based upon the platform and applications available at the ~~idle test client-machine~~.
6. (Currently Amended) The computer test system of claim-~~5~~ 48, further comprising a component ~~for defining a time limit for execution of the test job, and wherein the autelab component is configured to reconfigure the test job to execute within the defined time limit configured to:~~
~~calculate an execution time for the test job;~~
~~and if the calculated execution time exceeds a predetermined allowable execution time;~~
~~prevent the test job from being executed; and~~

automatically assign a different test job to the idle test client.

7. (Currently Amended) The computer test system of claim ~~4~~⁴⁸, further comprising a database component associated with the test component for storing configured to store the test jobs.

8. (Currently Amended) The computer test system of claim 7, wherein the database is configured to store a particular test job in a pending status prior to the particular test job being assigned to one of the multiple machines an idle test client.

9. (Currently Amended) The computer test system of claim 7, wherein the database is configured to store a particular test job in an assigned status while the particular test job is assigned to one of the multiple machines an idle test client.

10. (Currently Amended) The computer test system of claim 7, wherein the database is configured to store a particular test job in a completed status after the particular test job has been run by one of the multiple machines test clients.

11. (Currently Amended) The computer test system of claim ~~48~~⁴, further comprising a message queue for the selected machine idle test client and that is associated with the autolab component second computer program module, the message queue for storing information about test jobs that have been assigned to thea selected machine test client.

12. (Currently Amended) The computer test system of claim ~~48~~⁴, further comprising a high-level interface that permits direct access between the second computer program module autolab component and at least one of the multiple machines test client.

13. (Currently Amended) The computer test system of claim 12, further comprising a thin client that is configured for communicating between the high-level interface and the

~~multiple machines at least one test client~~, the thin client being configured to translate information from a ~~test client~~ machine to information that may be utilized by the high-level interface.

14. (Cancelled)

15. (Currently Amended) The computer test system of claim ~~48-1~~, wherein the ~~second computer program module autolab component selects assigns the selected machine idle test client based upon the present imaging of the selected machine idle test client~~.

16-47 (Cancelled)

48. (New) In a networked computing environment, a computer test system for testing software on one or more of a plurality of platforms and with one or more of a plurality of languages the computer test system comprising:

a first computer program module configured to:

(a) receive test conditions defining tests on developed computer program products;

(b) receive group information, the group information defining a selected platform and language for each of one or more groups;

(c) store the test conditions and group information as a test packet in a database, the test packet defining one or more tasks to be performed for a particular group;

a second computer program module configured to:

(a) select a test package from the database;

(b) search for test clients that are available to perform a test job including tasks for a particular group defined in the test package, wherein searching for test clients comprises searching according to loading capacity and if no test clients are idle, waiting for an idle test client; and

(c) automatically assign the test job to an idle test client.

49. (New) The computer test system of claim 48, wherein the computer test system further comprises a plurality of test machines.

50. (New) The computer test system of claim 49, wherein at least one of the test machines is located remote from the first and second computer program modules.

51. (New) In a networked computing environment, a method for testing software on one or more of a plurality of platforms and with one or more of a plurality of languages the method comprising:

receiving test conditions defining tests on developed computer program products;

receiving group information, the group information defining a selected platform and language for each of one or more groups;

storing the test conditions and group information as a test packet in a database, the test packet defining one or more tasks to be performed for a particular group;

selecting a test package from the database;

searching for test clients that are available to perform a test job including tasks for a particular group defined in the test package, wherein searching for test clients comprises searching according to loading capacity and if no test clients are idle, waiting for an idle test client; and

automatically assigning the test job to an idle test client.

52. (New) The method of claim 51, further comprising separating one or more of the test jobs into subtasks, and ordering the subtasks into a reordered job.

53. (New) The method of claim 51, further comprising creating a personalized test package for the assigned test client based upon the platform and applications available at the assigned test client.

54. (New) The method of claim 51, further comprising a:

calculating an execution time for the test job;

and if the calculated execution time exceeds a predetermined allowable execution time:

preventing the test job from being executed; and

automatically assigning a different test job to the idle test client.

55. (New) The method of claim 51, wherein automatically assigning the test job to an idle test client is based upon the present imaging of the idle test client.